

## ABSTRACT

In a threading mechanism, a system and method for providing automatic value inheritance when a parent thread creates a child thread. Upon thread creation, the system iterates over all of the inheritable thread-local values associated with a parent thread and initializes a child's values of these inheritable thread-local values, based on an appropriate child value method. The child's values may be a copy of the parent's values, or a predetermined function of the parent's values.